

Appl. No. 10/614,751  
Amdt. Dated July 22, 2005  
Reply to Office Action of April 22, 2005  
Confirmation No. 6150

### **REMARKS**

Claims 1-11 and 13-26 are pending in the present application. By this amendment, claims 1-8 and 13-26 are amended, and claim 12 is canceled without prejudice. Applicants respectfully request reconsideration of the present claims in view of the foregoing amendments and the following remarks.

#### **I Claim Rejections**

##### **Claim Rejections Under 35 U.S.C. §112**

Claims 1 and 18 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. In particular, the Office Action notes that there is insufficient antecedent basis for "the wired data network" on lines 3 and 5 of claim 1 and on lines 4-5, 10, and 12 of claim 18. Accordingly, claims 1 and 18 are amended to recite "a wired data network." Moreover, the Office Action notes that there is insufficient antecedent basis for "a second network" on line 14 of claim 18. Accordingly, claim 18 is amended to recite "a first network" in addition to "a second network."

##### **Claim Rejections Under 35 U.S.C. §102**

Claims 1-17 are rejected under 35 U.S.C. §102(b) as being anticipated by United States Patent No. 6,259,782 to Gallant (hereinafter "Gallant"). As noted above, claim 12 is canceled without prejudice, rendering this rejection moot regarding claim 12. Applicants respectfully traverse this rejection.

#### **A. Claims 1-7 are allowable.**

As amended, claim 1 recites that a system for providing a single telephone number for use with a plurality of handsets comprises a wireless access point wired to a wired data network, the wireless access point operative to communicate with the digital cordless handset via an unregulated wireless connection to provide wireless access to the

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wired data network for the digital cordless handset; and a telecommunications network operative to provide telecommunications services in conjunction with the second handset operative for use with the telecommunications network, wherein the digital cordless handset and the second handset operative for use with the telecommunications network are assigned a single telephone number.

Gallant does not teach, suggest, or describe a system for providing a single telephone number for use with a plurality of handsets as recited by claim 1. On the contrary, Gallant describes a one-number service system including a wireline switch operative to interconnect subscriber lines to trunk transmission facilities; a wireline terminal operative to communicate with the wireline switch; a wireless switch, such as a cellular MSC, operative to interconnect local wireless subscribers through one of a plurality of channels; a wireless terminal operative to communicate with the wireless switch; a data signaling network of interlinked signal transfer points (STPs) operative to route instructions to the wireline terminal and/or the wireless terminal; and a public switched telephone network (PSTN) for allowing calls to be routed to and from the wireline terminal and the wireless terminal. Gallant further describes that the wireline terminal and the wireless terminal are directly associated with and accessible by a single telephone number. This is not analogous to the system recited by claim 1 because Gallant fails to teach, suggest, or describe that either the PSTN or the data signaling network of interlinked STPs includes a wireless access point operative to communicate with either the wireline terminal or the wireless terminal over an unregulated wireless connection to provide wireless access to a wired data network for either the wireline terminal or the wireless terminal. Instead, Gallant describes that the PSTN and data signaling network of interlinked STPs provide access to the wireline and wireless terminals over connections which are known in the art to be regulated.

For at least the reasons given above, Applicants respectfully submit that Gallant does not anticipate Applicants' claimed invention as embodied in amended claim 1. Since claims 2-7 depend from claim 1 and recite further claim features, Applicants respectfully submit that Gallant does not anticipate Applicants' claimed invention as

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embodied in claims 2-7 for at least these reasons. Accordingly, withdrawal of these rejections is respectfully requested.

**B. Claims 8-11 and 13-17 are allowable.**

As amended, claim 8 recites that a method for providing a single telephone number for use with a plurality of handsets comprises assigning a single telephone number to a first handset configured for use with a first telecommunications network, wherein the first telecommunications network comprises one or more wireless access points wired to a wired data network; assigning the single telephone number to a second handset for use with a second telecommunications network; and providing wireless access via the wireless access points to the wired data network for the first handset over an unregulated wireless connection.

Gallant does not teach, suggest, or describe a method for providing a single telephone number for use with a plurality of handsets as recited by claim 8. In contrast, Gallant describes associating a single telephone number with a wireline terminal in communication with a wireline switch and a wireless terminal in communication with a wireless switch; connecting the wireline and wireless switches to a data signaling network of interlinked STPs to route instructions to the wireline and wireless switches; and connecting the wireline and wireless switches to a PSTN for allowing calls to be routed to and from the wireline and wireless terminals. This is not analogous to the method recited by claim 8 because Gallant fails to teach, suggest, or describe that either the PSTN or the data signaling network of interlinked STPs includes wireless access points operative to provide wireless access to a wired data network over an unregulated wireless connection. Instead, Gallant describes that the PSTN and data signaling network of interlinked STPs provide access to the wireline and wireless terminals over connections which are known in the art to be regulated.

For at least the reasons given above, Applicants respectfully submit that Gallant does not anticipate Applicants' claimed invention as embodied in amended claim 8. Since claims 9-11 and 13-17 depend from claim 8 and recite further claim features, Applicants respectfully submit that Gallant does not anticipate Applicants' claimed

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invention as embodied in claims 9-11 and 13-17 for at least these reasons. Accordingly, withdrawal of these rejections is respectfully requested.

Claim Rejections Under 35 U.S.C. §103

Claims 18-26 are rejected under 35 U.S.C. §103(a) as being unpatentable over Gallant in view of United States Patent No. 6,373,817 to Kung et al. (hereinafter "Kung"). This rejection is respectfully traversed.

As amended, claim 18 recites that a system for providing a single telephone number for use with a plurality of handsets comprises a first network including a broadband residential gateway comprising a first network device operative to communicate with a wired data network, a second network device operative to provide a communications link to one or more wired network devices over a local wired connection, and a wireless access point operative to provide wireless access to the wired data network over an unregulated wireless connection; and one or more digital cordless handsets operative to communicate with the wireless access point via the unregulated wireless connection for wireless access to the wired data network, and wherein at least one of the one or more digital cordless handsets and at least one of the one or more handsets operative for use with the second network are assigned a single telephone number.

Gallant does not teach, suggest, or describe a system for providing a single telephone number for use with a plurality of handsets as recited by claim 18. On the contrary, Gallant describes a one-number service system including a wireline switch operative to interconnect subscriber lines to trunk transmission facilities; a wireline terminal operative to communicate with the wireline switch; a wireless switch, such as a cellular MSC, operative to interconnect local wireless subscribers through one of a plurality of channels; a wireless terminal operative to communicate with the wireless switch; a data signaling network of interlinked signal transfer points (STPs) operative to route instructions to the wireline terminal and/or the wireless terminal; and a public switched telephone network (PSTN) for allowing calls to be routed to and from the wireline terminal and the wireless terminal. Gallant further describes that the wireline

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terminal and the wireless terminal are directly associated with and accessible by a single telephone number. This is not analogous to the system recited by claim 18 because Gallant fails to teach, suggest, or describe that either the PSTN or the data signaling network of interlinked STPs includes wireless access points operative to provide wireless access to a wired data network over an unregulated wireless connection. Instead, Gallant describes that the PSTN and data signaling network of interlinked STPs provide access to the wireline and wireless terminals over connections which are known in the art to be regulated. Further, Gallant fails to teach, suggest, or describe that the wireless terminal is operative to communicate with a wireless access points via an unregulated wireless connection for wireless access to the wired data network because neither the PSTN or data signaling network of interlinked STPs provides wireless access to a wired data network via an unregulated wireless connection.

The Office Action relies on the teaching of Kung to allegedly overcome the above-identified deficiencies of the teaching of Gallant. However, like Gallant, Kung does not teach, suggest, or describe a system for providing a single telephone number for use with a plurality of handsets as recited by claim 18. In contrast, Kung describes a system for providing broadband access capabilities or enhanced services for use in conjunction with a packetized network such as an Internet Protocol (IP) based system infrastructure including a broadband residential gateway operative to provide the intelligence needed to allow a customer premise equipment device to communicate with a broadband network and the broadband network which includes an IP network connected to an external network such as the Internet. This is not analogous to the system recited by claim 18 because Kung fails to teach, suggest, or describe that the customer premise equipment device operative to communicate with a broadband network via the broadband residential gateway is assigned a single telephone number that is also assigned to one or more handsets operative for use with a second network.

For at least the reasons given above, Applicants respectfully submit that the combined teaching of Gallant and Kung does not make obvious Applicants' claimed invention as embodied in amended claim 18. Since claims 19-26 depend from claim 18 and recite further claim features, Applicants respectfully submit that the combined

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teaching of Gallant and Kung does not make obvious Applicants' claimed invention as embodied in claims 19-26 for at least these reasons. Accordingly, withdrawal of these rejections is respectfully requested.

## II. New Claims 27-29

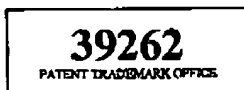
New claims 27-29 are directed to further embodiments of Applicants' claimed invention. Support for new claims 27-29 may be found at page 22, line 27 through page 23, line 27 of the specification.

New claims 27-29 are allowable over the cited references for at least the reasons given above with regards to claim 1.

## CONCLUSION

For at least these reasons, Applicant asserts that the pending claims 1-11 and 13-26 are in condition for allowance. The Applicants further assert that this response addresses each and every point of the Office Action, and respectfully request that the Examiner pass this application with claims 1-11 and 13-26 to allowance.

Authorization is given to charge Deposit Account No. 13-2725 in the amount of \$300.00 for additional claims. Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725. Should the Examiner have any questions, please contact Applicants' attorney at 404.954.5042.



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